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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/590,642	08/24/2006	Ryouichi Takayama	MAT-8876US	1497
52473	7590	03/11/2009		
RATNERPRESTIA P.O. BOX 980 VALLEY FORGE, PA 19482			EXAMINER GORDON, BRYAN P	
			ART UNIT 2834	PAPER NUMBER
			MAIL DATE 03/11/2009	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Interview Summary</b>	<b>Application No.</b> 10/590,642	<b>Applicant(s)</b> TAKAYAMA ET AL.	
	<b>Examiner</b> BRYAN P. GORDON	<b>Art Unit</b> 2834	

All participants (applicant, applicant's representative, PTO personnel):

(1) BRYAN P. GORDON. (3) Jacques Etkowicz.

(2) Tom Dougherty. (4) Deborah Grove.

Date of Interview: 04 March 2009.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1 and 13.

Identification of prior art discussed: Asai (US PN 4,449,107), Kim (PG Pub 20040232843) and Nakatani (US PN 6,798,121).

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: The examiner informed the attorneys that Natatani was only supposed to be used to teach the through-hole and that Matsuoka is used to teach the heat dissipating layer. The examiner agreed with the attorney that if claim 13 is amended to say, the striped or mesh pattern extending at an angle less than ninety degrees, would overcome the current rejection The examiner will consider the amendments once a response is received.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

/Thomas M. Dougherty/ Primary Examiner, Art Unit 2834	
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